

KS1 Y1 Plant Science

Plant Science Lesson Plan 2, October Leaves, hawthorn, hedges, Autumn



Plants
English
Maths
Animals
Seasons

Read 'Harry Hawthorn' so pupils can IDENTIFY and NAME HAWTHORN TREES.

- Explain: you will read a story. **Please remember LEAVES, FLOWERS, SEEDS, BARK** and **WHERE TO LOOK** for **HAWTHORNS** (in hedges).
- While reading, emphasise: **HEDGE, LEAVES, FLOWERS, SEED IN EACH HAW, BARK.**
- Remind pupils of **dormouse. size**; lives all its life in **trees (nest and food)**; **sleeps a lot.**
- Emphasise **seasons** cold, warmth, heat, cooler, cold.
- **LEAF**: count the lobes; which lobes biggest; each lobe nearly 2 lobes; teeth along edge.



Draw the leaf with fingers in the air. Make fingers into scissors and make to cut the shape.



Method
Plants
Animals

Comprehension: IDENTIFY and NAME HAWTHORN TREES

- Elicit: **LEAF** (shape, colour, size), **HAW** (shape, feel, colours, size), **BARK** (colour, feel).
- Elicit: **HEDGE** as a safe place for **birds** to nest; safe corridor for little **animals** – including **dormice** - to get from one woodland to another to find mates and food.
- Elicit: **Birds spit out the seed** inside **haw** – do not swallow and poo it further away.



Ask children to stretch arms wide for bottom lobes, arms a bit up for middle lobes, hands together, elbows wide for top lobe.



English
Plants
Method
Seasons

MORE WAYS TO CLASSIFY LEAVES; CHANGES IN AUTUMN

Ask pupils to put ALL the **leaves** on to the right table according to leaf shape.

Ask pupils to **group** the **leaves** on their table into **sets** of the same colour.

Elicit: leaves (of some trees) change colour in **Autumn** then fall off the tree.

Elicit: the tree is shutting down to be ready for **Winter**. Green goodness has been taken from leaves and stored in branches, trunk and roots. Goodness will be used in **Spring** for new growth, in **Summer** to make tree food. Elicit: Not all trees lose their leaves in **Autumn!**

Ask pupils to subdivide the leaves into **sets** by size. Use the words '**group**', '**set**', '**classify**'.

Remind pupils of **HAWTHORN LEAF-SHAPE, FLOWERS, HAWS and BARK.**

Remind pupils that **HEDGES are useful rows of trees: good for farmers and wildlife.**

Remind pupils that, in **Autumn**, **LEAVES of many trees, change colour and fall off.**

PLENARY

1. Pupils can now **IDENTIFY AND NAME HAWTHORN.**
2. Pupils know how to **OBSERVE AND DESCRIBE LEAVES.**
3. Pupils know that, in **AUTUMN**, leaves of many trees change colour and fall off the tree.
4. Pupils know that **HEDGES** are useful rows of trees: good for farmers and wildlife.

Art &
Design

Follow-up art lesson: 1. **Arrange** leaves, photograph, and share. 2. Place paper over the vein-side of leaves, **rub with wax crayons**. Use 2 **colours**. 3. **Paint** one side of a leaf and make **leaf prints**. See also free downloads Leaf Art at www.hellotrees.co.uk/resources.